

Title (en)  
AN ELECTRO-MECHANICAL BRAKE UNIT, PREFERABLY FOR A RAIL VEHICLE

Publication  
**EP 0334434 A3 19910424 (EN)**

Application  
**EP 89200668 A 19890317**

Priority  
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Abstract (en)  
[origin: EP0334434A2] An electro-mechanical brake unit includes a drive sleeve (8), which may be subjected to a torque, for example from a coil spring (6), and a ball screw (15, 25) for transforming the torque into an axial force for brake application. Between the drive sleeve and the ball screw there is a control arrangement, comprising an outer locking spring (16), a control sleeve (17), and an inner locking spring (18), a control motor (20) being connected to the control sleeve for rotation thereof in either direction. The control sleeve is connected to the locking springs for control of their locking and unlocking functions.

IPC 1-7  
**B60T 13/74**; **B60T 13/04**; **B61H 13/00**; **F16D 59/02**; **B60T 17/08**; **F16D 65/34**

IPC 8 full level  
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CPC (source: EP KR US)  
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